



Docket No. 33390/US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor	: Yonglian ZHANG	
Appln. No.	: 10/623,629	
Filed	: July 21, 2003	Group Art Unit: 1645
Title	: A NOVEL NATURAL ANTIBACTERIAL PEPTIDE, THE NUCLEOTIDE SEQUENCE ENCODING IT AND THE USE THEREOF	Examiner: Unknown

**DECLARATION FOR UTILITY PATENT APPLICATION**  
**(37 C.F.R. § 1.63)**

As a below named inventor, I hereby declare that my mailing address and citizenship are as stated below.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled:

A NOVEL NATURAL ANTIBACTERIAL PEPTIDE,  
THE NUCLEOTIDE SEQUENCE ENCODING IT AND THE USE THEREOF

the specification of which:

☒ is attached hereto OR

☐ was filed on \_\_\_\_\_ as United States Application Number \_\_\_\_\_ or PCT International Application Number \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information known to me that is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
PCT/CN02/00032	WO	01/21/2002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CN 01105283.X	CN	01/22/2001	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)



PLEASE DIRECT ALL CORRESPONDENCE TO:

The address associated with **Customer Number: 25763**, currently:

Name	Min (Amy) S. Xu
Address	DORSEY & WHITNEY LLP Suite 1500 50 South Sixth Street Minneapolis, MN 55402-1498
Telephone	612-752-7367
Fax	612-340-8856

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Sole or First Inventor:</b>	
Given Name (First and middle)	Family Name or Surname
Yonglian	ZHANG
Inventor's Signature	Date: July 14, 2003
Residence	Citizenship: Chinese
Shanghai China 200031	
City Country Zip	
Post Office Address	320 Yue-Yang Road

<b>Second Inventor:</b>	
Given Name (First and middle)	Family Name or Surname
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Inventor's Signature	Date: July 14, 2003
Residence	Citizenship: Chinese
Hong Kong China	
City Country Zip	
Post Office Address	Epithelial Cell Biology Research Center Department of Physiology, Faculty of Medicine, The Chinese University of Hong Kong

<b>Third Inventor:</b>	
Given Name (First and middle)	Family Name or Surname
Peng	LI
Inventor's Signature	Date: July 14, 2003
Residence	Citizenship: Chinese
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City Country Zip	
Post Office Address	320 Yue-Yang Road



<b>Fourth Inventor:</b>			
Given Name (First and middle)		Family Name or Surname	
Bin		HE	
Inventor's Signature	<i>Bin He</i>		Date: July 14,2003
Residence	Shanghai China	200031	Citizenship: Chinese
	City State	Zip	
Post Office Address	320 Yue-Yang Road		

<b>Fifth Inventor:</b>			
Given Name (First and middle)		Family Name or Surname	
Siucheung		SO	
Inventor's Signature	<i>Siucheung So</i>		Date: July 14,2003
Residence	Hong Kong China		Citizenship: Chinese
	City State	Zip	
Post Office Address	Epithelial Cell Biology Research Center Department of Physiology, Faculty of Medicine, The Chinese University of Hong Kong		

<b>Sixth Inventor:</b>			
Given Name (First and middle)		Family Name or Surname	
Yiuwa		CHUNG	
Inventor's Signature	<i>Yiuwa Chung</i>		Date: July 14,2003
Residence	Hong Kong China		Citizenship: Chinese
	City Country	Zip	
Post Office Address	Epithelial Cell Biology Research Center Department of Physiology, Faculty of Medicine, The Chinese University of Hong Kong		

<b>Seventh Inventor:</b>			
Given Name (First and middle)		Family Name or Surname	
Quan		SHANG	
Inventor's Signature	<i>Quan Shang</i>		Date: July 14,2003
Residence	Shanghai China	200031	Citizenship: Chinese
	City Country	Zip	
Post Office Address	320 Yue-Yang Road		



<b>Eighth Inventor:</b>			
<b>Given Name (First and middle)</b>		<b>Family Name or Surname</b>	
Youduan		ZHANG	
<b>Inventor's Signature</b>	<i>Youduan Zhang</i>		<b>Date:</b> July 14, 2003
<b>Residence</b>	Shanghai	China	200031
	City	State	Zip
<b>Post Office Address</b>	320 Yue-Yang Road		





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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor:	ZHANG, Yonglian	Examiner: Unknown Group Art 1645 Unit:
Appln. No.:	10/623,629	
Filed:	July 21, 2003	
Title:	A NOVEL NATURAL ANTIBACTERIAL PEPTIDE, THE NUCLEOTIDE SEQUENCE ENCODING IT AND THE USE THEREOF	

**POWER OF ATTORNEY**

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

In the above-referenced patent application, on behalf of **SHANGHAI CAS SHENGLONGDA BIOTECH (GROUP) CO., LTD.**, I hereby appoint the Dorsey & Whitney LLP attorneys and agents associated with Customer Number 25763 to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution, and revocation.

Please address all telephone calls to: Min (Amy) S. Xu at (612) 752-7367.

Please address all correspondence to Min (Amy) S. Xu at the address corresponding to Customer Number 25763, currently:

**DORSEY & WHITNEY LLP**  
Suite 1500  
50 South Sixth Street  
Minneapolis, Minnesota 55402-1498

Dated: July 14, 2003

Signature: 胡菲

Name

Hu, Fei

Title:

Assistant Director





Docket: 33390/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	ZHANG, Yonglian	Examiner: Unknown Group Art 1654 Unit:
Appln. No.:	10/623,629	
Filed:	July 21, 2003	
Title:	A NOVEL NATURAL ANTIBACTERIAL PEPTIDE, THE NUCLEOTIDE SEQUENCE ENCODING IT AND THE USE THEREOF	

SUBMISSION UNDER 37 C.F.R. § 3.73(b)

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

SHANGHAI CAS SHENGLONGDA BIOTECH (GROUP) CO., LTD., is an owner of the patent application identified above by virtue of either:

- 1 ☒ An assignment from the inventor(s) of the patent application identified above, a copy of which is attached.

OR

2. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:
- a. From: To:  
The document was recorded in the U.S. Patent and Trademark Office at Reel , Frame , or a copy of which is attached.
- b. From: To:  
The document was recorded in the U.S. Patent and Trademark Office at Reel , Frame , or a copy of which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of SHANGHAI CAS SHENGLONGDA BIOTECH (GROUP) CO., LTD..

Dated: July 14, 2003 Signature: 胡菲  
Name HU, Fei  
Title: Assistant Director



ASSIGNMENT	Attorney Docket No.: 33390/US	Page 1 of 1
	First Named Inventor: ZHANG, Yonglian	
	Title: A NOVEL NATURAL ANTIBACTERIAL PEPTIDE, THE NUCLEOTIDE SEQUENCE ENCODING IT AND THE USE THEREOF	

WHEREAS, we, Yonglian ZHANG, Peng LI, Bin HE, Quan SHANG, Youduan ZHANG, residing in Shanghai China 200031; Hsiaochang CHAN, Siucheung SO, Yiuwa CHUNG, residing in Hong Kong, China, have invented certain new and useful improvements as described in an application entitled **A NOVEL NATURAL ANTIBACTERIAL PEPTIDE, THE NUCLEOTIDE SEQUENCE ENCODING IT AND THE USE THEREOF** for Letters Patent of the United States, the application having been executed on even date herewith, and

WHEREAS, SHANGHAI CAS SHENGLONGDA BIOTECH (GROUP) CO., LTD., having offices at 51 CAOBAO ROAD, SHANGHAI 200233, CHINA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Yonglian Zhang July 14, 2003  
Yonglian ZHANG (date)

Peng Li July 14, 2003  
Peng LI (date)

Bin He July 14, 2003  
Bin HE (date)

Quan Shang July 14, 2003  
Quan SHANG (date)

Youduan Zhang July 14, 2003  
Youduan ZHANG (date)

Hsiaochang Chan July 14, 2003  
Hsiaochang CHAN (date)

Siucheung So July 14, 2003  
Siucheung SO (date)

Yiuwa Chung July 14, 2003  
Yiuwa CHUNG (date)